

Title (en)
Stencil printing machine

Title (de)
Schablonendruckmaschine

Title (fr)
Machine d'impression au pochoir

Publication
EP 0993960 A1 20000419 (EN)

Application
EP 99307949 A 19991008

Priority
JP 28950798 A 19981012

Abstract (en)
A stencil printing machine includes a printing drum having a flexible ink-permeable circumferential wall adapted to receive a perforated stencil sheet around an outer circumferential surface thereof, the printing drum being rotated around a central axis thereof; a squeegee roller (1) having an axis and situated inside the printing drum to be parallel to the central axis of the printing drum, the squeegee roller (1) being rotated around the axis in synchronization with rotation of the printing drum with an outer circumferential surface of the printing drum; a pair of bearing members (39) attached to end portions of the axis of the squeegee roller (1); a pair of adjusting screws (49) situated perpendicular to the axis of the squeegee roller (1) and fixed to the pair of bearing members (39), the pair of adjusting screws (49) supporting the axis of the doctor roller (41) so that the axis of the doctor roller is movably supported; a pair of worm wheels (53) engaging the pair of adjusting screws (49) respectively; a pair of worm gears (59) connected together and engaging the pair of worm wheels (53), respectively, so that when the pair of worm gears (59) is rotated, the pair of worm wheels (53) is rotated simultaneously. <IMAGE>

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IPC 8 full level
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CPC (source: EP US)
B41L 13/18 (2013.01 - EP US)

Citation (search report)
• [A] EP 0737590 A1 19961016 - RISO KAGAKU CORP [JP]
• [A] PATENT ABSTRACTS OF JAPAN vol. 015, no. 318 (M - 1146) 14 August 1991 (1991-08-14)
• [A] PATENT ABSTRACTS OF JAPAN vol. 010, no. 295 (M - 523) 7 October 1986 (1986-10-07)

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